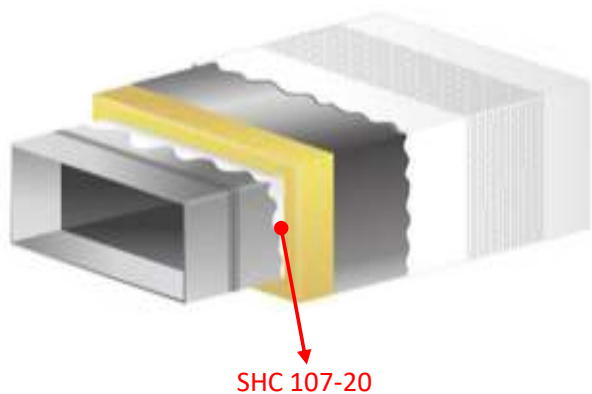


SHC 107-20

DUCT FAST ADHESIVE



MAIN APPLICATION

- ◇ High tack, rapid-setting adhesive
- ◇ Fibrous glasswool or mineralwool insulations (up to 96 kg/m³) to metal air conditioning duct
- ◇ Non-flammable, fire-resistive, synthetic elastomer adhesive

SHC 107-20 is a high tack, rapid-setting synthetic adhesive for installation of insulation.

COLOR

Off-White

APPLICATION TOOL

Brush

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.29 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

38% ±1.8 by volume

37% ±2.0 by weight

COVERAGE RANGE (SHTM 13)

(Subject to type of surface and nature of material being bonded)

0.31 kg/m²

Wet Film Thickness: 0.24 mm

Dry Film Thickness: 0.09 mm

BONDING TIME RANGE(25°C, 50%RH) (SHTM 12)

0 ~ 15 minutes

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-29°C ~ 82°C

WET FLAMMABILITY (ASTM D 3278)

Flash Point : ≥37°C

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

Class 1 or A

REMARKS

Store and apply between 4°C and 38°C.

Contains no asbestos, lead, mercury or mercury compounds.

Always test plastic and painted materials for compatability when using a solvent base product.

Do not apply with flexible PVC.

Make certain this product is completely dry and the area is free from solvent odor if food is involved.



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DUCT FAST ADHESIVE

Preparation for application

- Do not thin product.
- Shake container or stir well as the product is so low viscosity that some solvent may appear on surface.
- Do not use breakable sticks or boards which are vulnerable to pollute product.
- Apply only to clean, dry, oil-free surfaces.
- Keep the container of product firmly closed in times of not in use to prevent evaporation of oil and surface skinning.

Application Method

- Apply SHC 107-20 at a thickness of 0.24 mm in wet when sticking insulation to another but 0.20mm in wet for lap sealing, which is equivalent to 0.31 kg/m².
- Allow 15 minutes of bonding time for insulation or lap sealing and then adhere closely.
For the highest adhesive strength be aware that bonding time varies depend on application temperature.
That is to say high temperature accelerates it while the low lengthens.
- This application provides dry film thickness of 0.09 mm.
- As rough or porous surfaces require more products, higher built thickness is recommended.

Tools

- Use clean trowel.
- Be mindful to have uniform thickness using the tools.

Clean up

- Warm soap water can clean the products in wet.
- After dried, use mineral spirits or chlorinated solvent, once cured, employ strong solvent like xylene to clean the equipment.